

# Converting Colors

Hex(B6DB8A)

Have a look what the booklet for  
Hex(B6DB8A) contains.

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**Color**

**Hex(B6DB8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6DB8A
RGB	182, 219, 138
RGB Percent	71%, 86%, 54%
CMY	0.2863, 0.1412, 0.4588
CMYK	0.17, 0.00, 0.37, 0.14
HSL	87°, 53%, 70%
HSV	87°, 37%, 86%
XYZ	49.2104, 62.4431, 33.5038
YIQ	198.7030, 3.9490, -33.0350

# Conversions

## Conversions Part 2

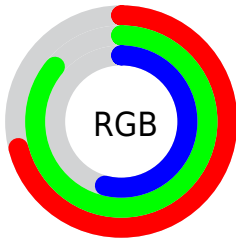
Format	Color
<a href="#">RYB</a>	<a href="#">138, 219, 175</a>
Decimal	<a href="#">11983754</a>
CIELab	<a href="#">83.15, -25.87, 35.92</a>
CIELCh	<a href="#">83, 44.270, 125.763</a>
Yxy	<a href="#">62.4431, 0.3390, 0.4302</a>
Android (android.graphics.Color)	<a href="#">4290173834 (0xFFB6DB8A)</a>
YUV	<a href="#">198.7030, -29.9266, -14.6485</a>
Hunter-Lab	<a href="#">79.0209, -27.1256, 30.1765</a>

# Details

The Hex color **B6DB8A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF8ADB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EFFFC0**, and **80A457** is the 20% darker color. If you saturate the color by 10%, you get **ACDB74**, and if you desaturate by 10%, it is **C0DBA0**.

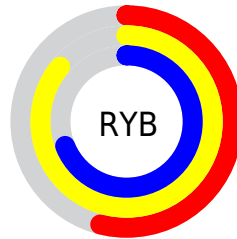
# Distribution



Red (71%)

Green (86%)

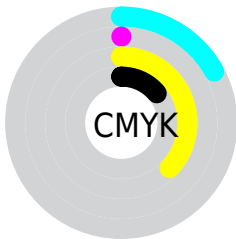
Blue (54%)



Red (54%)

Yellow (86%)

Blue (69%)

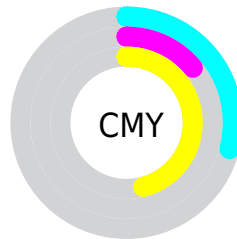


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6DB8A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B6DB8A by changing the saturation by 10% instead.



 B6DB8A

FFFFFF

 EFFFFC

 FFFFDC

 FFFFF9

 B6DB8A

 9BBF70

 80A457

 66893E

 4C7026

 33570D

 1C4000

 002900

 001300

 000000

 B6DB8A

 B6DB8A

 ACDB74

 C0DBA0

 A2DB5E

 CADBB6

 98DB48

 D4DBCC

 8EDB32

 DEDBE2

 84DB1C

 E8DBF8

 7ADB07

 F2DBFF

 77DB00

 FCDBFF

 FFDBFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3CF7B



B6DB8A



83E3AC

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B6DB8A



54DDFF



FFAEC9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B6DB8A



AF8ADB

# Split Complementary

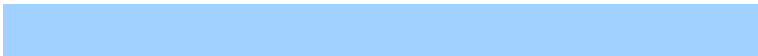
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4F2



B6DB8A



A0D1FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B6DB8A



02E4FE



DEC1FF



FFB4A1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B6DB8A



5CE5C8



DEC1FF



FFAFD7



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B6DB8A



F2FFE3



DBAE8A



78806F



000000



808080

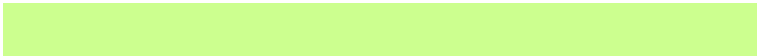


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6DB8A



CCFF8F



8EDB8A



696E63



5EAD00



192E00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AF8ADB



C28FFF



D78ADB



68636E



4F00AD



15002E



# Previews

## White Background



This preview shows how the Hex color B6DB8A looks on a white background.

## Color Contrast Check

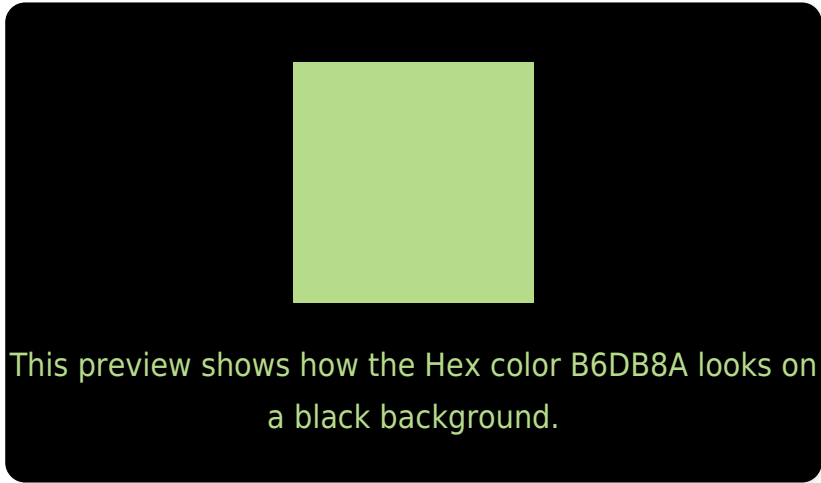
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

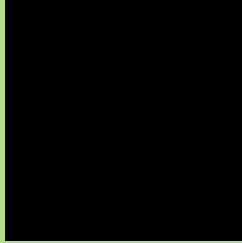
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6DB8A Background



This preview shows how black text looks on a background with the Hex color B6DB8A.

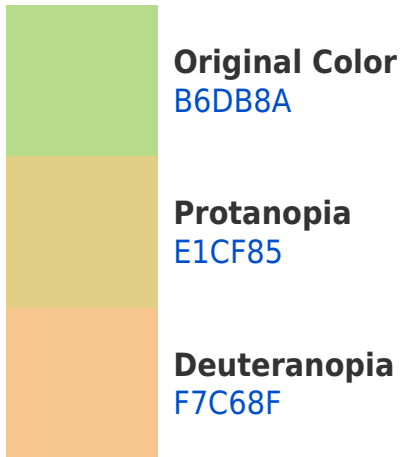


This preview shows how white text looks on a background with the Hex color B6DB8A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

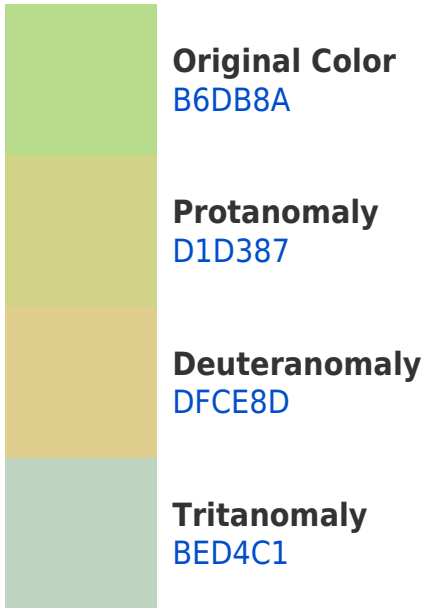
## Dichromacy





**Tritanopia**  
C2D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6DB8A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B6DB8A looks like.

```
.text, #text, p{  
    color:#B6DB8A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B6DB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DB8A
}
```

## Border

The CSS property to change the border of an element to Hex B6DB8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6DB8A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B6DB8A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B6DB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DB8A; -webkit-box-shadow:4px 4px  
4px 4px #B6DB8A; box-shadow:4px 4px 4px  
4px #B6DB8A }
```

# Background

The CSS property to change the background color of an element to Hex B6DB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DB8A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B6DB8A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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